

CLAIMS:

1. A method for providing appropriate services by a computer to a user of a repeated use of a product such as a commodity vessel or a commodity, said method comprising:

a step that the computer receives from a reader/writer section which has performed reading from a writable storage medium attached to the product presented by the product user, the storage information of the writable storage medium acquired by the reading operation,

a step of recognizing the use history of the product from the storage information acquired,

a step of judging the service content by checking the use history recognized in a table where service content is defined according to the number of repeated uses of the product, and

a step of executing a processing according to the service content judged and outputting the processing result to an output apparatus.

2. A method for providing services in recycling products according to claim 1, the method further comprising a step of instructing the reader/writer section to write a use history in the writable storage medium according to a commodity or a service when the presentation of the product by the product user is upon a commodity or service purchase accompanied by the repeated use of the product.

3. A method for providing services in recycling products according to claim 1, the method further comprising:

a step of attaching a writable storage medium to the product presented upon purchase of the commodity or service if the product has no writable storage medium, and

a step of instructing the reader/writer section to write the use history to the attached writable storage medium according to the commodity or service purchase content.

4. A method for providing services in recycling products according to claim 2, the method further comprising:

a step of attaching a writable storage medium to the product presented upon purchase of the commodity or service if the product has no writable storage medium, and

a step of instructing the reader/writer section to write the use history to the attached writable storage medium according to the commodity or service purchase content.

5. A method for providing services in recycling products according to claim 1, the method further comprising:

a step of providing a product having a writable storage medium if no product is presented by the product user upon purchase of the commodity or

service, and

a step of instructing the reader/writer section to write the use history into the writable storage medium attached to the provided product according to the commodity or service purchase content.

6. A method for providing services in recycling products according to claim 2, the method further comprising:

a step of providing a product having a writable storage medium if no product is presented by the product user upon purchase of the commodity or service, and

a step of instructing the reader/writer section to write the use history into the writable storage medium attached to the provided product according to the commodity or service purchase content.

7. A computer for providing appropriate services to a user of a repeated use of a product such as a commodity vessel or a commodity, said computer comprising:

means for receiving from a reader/writer section which has performed reading from a writable storage medium attached to the product presented by the product user, the storage information of the writable storage medium acquired by the reading operation,

means for recognizing the use history of the product from the storage information acquired,

means for judging the service content by

checking the use history recognized in a table where service content is defined according to the number of repeated uses of the product, and

means for executing a processing according to the service content judged and outputting the processing result to an output apparatus.

8. A program for causing a computer to execute a method for providing appropriate services to a user of a repeated use of a product such as a commodity vessel or a commodity, said program comprising:

a step of receiving from a reader/writer section which has performed reading from a writable storage medium attached to the product presented by the product user, the storage information of the writable storage medium acquired by the reading operation,

a step of recognizing the use history of the product from the storage information acquired,

a step of judging the service content by checking the use history recognized in a table where service content is defined according to the number of repeated uses of the product, and

a step of executing a processing according to the service content judged and outputting the processing result to an output apparatus.

9. A computer readable recording medium containing the service providing program according to claim 8.

10. A device for providing services to a user who

is repeatedly using a vessel for containing a commodity to purchase the commodity, said device comprising:

    a computer section,

    a reader/writer section connected to the computer and capable of reading/writing information stored in a readable/writable storage medium, and

    a memory section connected to the computer and capable of storing services to the user having different contents according to a number of repeated uses of the vessel,

    wherein when the reader/writer section detects the readable/writable storage medium attached to the vessel, the computer section calculates a latest number of repeated uses of the vessel from the information in the readable/writable storage medium attached to the vessel, and

    the computer section decides a service to be provided to the user corresponding to the latest number of repeated uses by referencing the memory section.

11.       A device for providing services to a user according to claim 10, wherein the computer section reads a number of repeated uses of the vessel in the past from the information in the readable/writable storage medium attached to the vessel and overwrites the latest number of repeated uses on the number of repeated uses of the past in the readable/writable storage medium.

12.       A device for providing services to a user

according to claim 10, wherein the readable/writable storage medium is embedded in thickness of the vessel.

13. A device for providing services to a user according to claim 10, wherein the computer section executes processing to attach a readable/writable storage medium to the vessel when the reader/writer section does not detect a readable/writable storage medium attached to the vessel.